

Abstract

An electronic whiteboard having flexible membrane electromagnetic generating device, at least including an electronic whiteboard main unit having an input induction section, a recognition controlling circuit, a signal output device inside, a writing layer as surface, a bottom layer as casing body, and a frame around, and an input pen. Wherein the induction section is composed of a covering layer, an electromagnetic induction generating layer and a bottom support bracket layer, wherein the base layer of the electromagnetic induction generating layer is an insulated flexible membrane, the surfaces of which are printed with an electromagnetic induction receiving antenna array, and a flexible membrane electromagnetic induction generating layer is constituted, the output of that layer is connected to the recognition controlling circuit, and the input pen has an electromagnetic wave generating device. The present invention has a simple manufacturing technique, greatly reduces the cost of an electronic whiteboard, and increases the precision of induction greatly.